

## Message Text

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ACTION COME-00

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R 141025Z MAY 76

FM AMEMBASSY MOSCOW

TO SECSTATE WASHDC 3912

INFO AMCONSUL LENINGRAD

UNCLAS MOSCOW 7629

DEPT PASS DOT FOR ALLEN TPI-42

DEPT PASS COMMERCE/MARAD FOR PITKIN

E.O. 11652: NA

TAGS: TGEN, ETRN, UR, US

SUBJECT: US-USSR TRANSPORTATION AGREEMENT: MARINE PANEL FIVE -WAVE

SPECTRA (05.0505):

LETTER FOR PITKIN

1. EMBASSY HAS RECEIVED LETTER DATED 22 APRIL FOR PITKIN FROM  
DUBCHAK. INFORMAL TRANSLATION OF TEXT FOLLOWS.

2. QUOTE. CONCERNING THE PROGRAM 05.05.05 "INVESTIGATIONS OF SEA-  
WAVE SPECTRUM AND STRESSES ACTING UPON SHIP STRUCTURES."

3. I HEREBY INFORM YOU THAT SPECIALISTS OF THE CENTRAL SCIENTIFIC  
RESEARCH INSTITUTE OF THE MARINE MADE A CLOSE STUDY OF "TELEDINE"  
REPORT, RECEIVED WITH YOUR LETTER OF DECEMBER 9, 1975. THE MATERIALS,

GIVEN IN THE REPORT, IN THE MAIN MEET PREVIOUSLY-COORDINATED  
DECISIONS AS WELL AS THE LISTS OF MEASURING INSTRUMENTS AND PARAMETERS

BEING MEASURED, INCLUDING "TUCKER TYPE" WAVE-METER.

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4. OUR SPECIALISTS SHARE THE OPINION OF AMERICAN SPECIALISTS

CONCERNING DIFFICULTIES IN RECORDING WAVING PARAMETERS BY MEANS OF "TUCKER" WAVE-METER FROM A MOVING VESSEL, AND THINK THAT IT IS ADVISABLE TO EQUIP THE VESSELS BEING TESTED WITH THIS WAVE-METER. THIS OPINION IS BASED ON THE FOLLOWING CONSIDERATIONS:

1. THERE IS NO OTHER WAVE-METER OF THIS TYPE WHICH COULD BE USED IN THE PLANNED TESTS.

2. AT THE INTITAL STAGE OF THE TESTS, IT IS POSSIBLE TO ABANDON WAVING SPECTRA CONSTRUCTION AND TO LIMIT TO DETERMINATION OF WAVE HEIGHT STATISTIC CHARACTERISTICS, FOR INSTANCE "H." IN THIS CASE RECORDED WAVING PROCESS CAN BE CONSIDERED AS AN OBJECTIVE INSTRUMENTAL CHARACTERISTIC OF ENVIRONMENTAL CONDITIONS, APPLICABLE FOR RELATIVE COMPARISONS OF FIXED OUTPUT PROCESSES (STRESS, SWINGING, ETC). AT THIS STAGE IT IS POSSIBLE TO USE IN ADDITIONAL RESULTS OF VISUAL OBSERVATIONS FOR GENERALIZATION OF OBTAINED DATA.

3. LATER ON WE SHALL BE ABLE TO EVALUATE THE ERRORS, PRODUCED BY A VESSEL MOTION, IN TUCHER WAVE-METER RECORDINGS, FOR EXAMPLE, BY COMPARING SIMULTANEOUS WAVING RECORDS, OBTAINED FROM A MOVING VESSEL AND FROM AN INDEPTNDENT WAVE-METER (RADIOBUOY, ETC).

5. IT WOULD BE INTERESTING TO CONSIDER POSSIBILITIES FOR USING TWO WEATHER SHIPS, ONE OF WHICH RIDES AND ANOTHER GOES IN THE SAME AREA.

6. I HOPE YOU WILL INFORM ME ABOUT YOUR SPECIALISTS' OPINION ON THE QUESTIONS TOUCHED IN THIS LETTER AND ON TERMS OF DELIVERY BY AMERICAN FIRMS OF MEASURING EQUIPMENT ACCORDING TO THE COORDINATED LIST.

7. LETTER POUCHED EUR/SOV/EXCHANGES, REGISTRY NO 952261.

STOESSEL

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